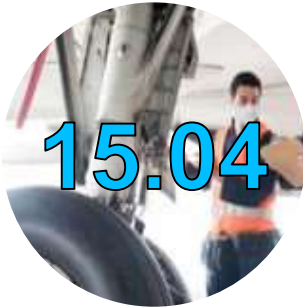


UAV and Quality Management Guest Lectures

15.4. - 18.4.2024 (open to all students and staff)



Quality Management in Aviation. This topic is focused on Quality Management as understood by EASA. The lecture is about aviation regulation, the structure of aviation companies and quality management as one of the safety parameters. It analyses how quality management differs from compliance monitoring, what is quality control, auditing techniques and how this is implemented in MRO, ATO or ATCO organisations.

Lecture: 15.04.2024, 15:45-17:15, PWR27 V27.03

The lecture on the **integration of autonomous aircraft into the Common Airspace** covers the tools necessary for the safe and efficient use of UAV technology. The current status of UAV integration in the EU and Lithuania is presented.

Lecture: 17.04.2024, 11:30-13:00, PWR27 V27.02



The **Automated UAV Control (with Mission Planner hands-on training)** lecture introduces students to the different control systems and control methods for UAVs. A simulation is carried out to show how the control of an UAV differs at different levels of automation. In practical activities, students are shown how to control autonomous aircraft using the open source software Mission Planner.

PART 1: 18.04.2024, 8:00-9:30, PWR27 V27.01

PART 2: 18.04.2024, 14:00-15:30, PWR27 V27.01

Given by



Darius Rudinskas: Lecturer at the Department of Aeronautical Engineering, Antanas Gustaitis Aviation Institute, Vilnius Gediminas Technical University, specialising in aircraft and unmanned aircraft control systems. He has also been a Quality Auditor, Compliance Monitoring Manager and Training Manager in AGAI aviation organisations (PART-145, PART-CAO, ATCO, ATO) for the last 10 years.

Lina Račaitė: Administrator of the Department of Aeronautical Engineering, Vilnius Gediminas Technical University, Antanas Gustaitis Aviation Institute. Her main activities are working with students and lecturers on various study-related issues. For the last 5 years she has been responsible for the organisation of practical training in the engineering study programmes (Aviation Mechanical engineering and Avionics) and for the administration of subject descriptions.

